

OSHA'S HAZARD COMMUNICATION STANDARD
U.S. DEPARTMENT OF LABOR
MATERIAL SAFETY DATA SHEET
MSDS

29 CFR 1910.1200
IDENTITY NO: AK1000, AK2000, AK3000

OMB NO: 1218-0072
NAME: HARDROCK FILLER ADHESIVE

SECTION 1

MANUFACTURER'S/SHIPPER'S NAME: International Polishing Techniques, Inc.
ADDRESS: 6683 SCHUSTER STREET **PHONE:** (702) 895-9865
CITY: LAS VEGAS **STATE:** NEVADA **CONTACT:** KEN WILLIAMS
DATE PREPARED: 4/15/02 **EMERGENCY PHONE (CHEMTREC):** (800) 424-9300

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA PEL	ACGIH TLV	WEIGHT %
POLYESTER RESIN	109909-27-5	N/A	N/A	60-65
STYRENE	100-42-5	50PPM	50PPM	30-35
AMORPHOUS FUMED SILICA	112945-52-5	N/A	10MG/M3	5-10

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 295° F **SPECIFIC GRAVITY:** 1.146
VAPOR PRESSURE: 4.5 mmHg at 68° F **MELTING POINT:** NOT TESTED
VAPOR DENSITY: NOT TESTED **EVAPORATION RATE:** NOT TESTED
SOLUBILITY IN WATER: NO **VOC CONTENT:** 30-35 G/L
APPEARANCE AND ODOR: WHITE/BEIGE/AMBER STYRENE ODOR

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 89° F **FLAMMABLE LIMITS:** 1.1 TO 6.1
AUTO IGNITION TEMPERATURE: 400° C
pH: NOT TESTED
NFPA HAZARD RATING

	H	F	R	S
(0=LEAST, 4=EXTREME)	2	3	1	0

EXTINGUISHING MEDIA: WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS: RUPTURE OF CONTAINER MAY OCCUR AT HIGH TEMPERATURES. PRODUCT VAPORS MAY FORM AN EXPLOSIVE MIXTURE IN AIR.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: HEAT AND DIRECT SUNLIGHT
INCOMPATIBLE MATERIALS TO AVOID: STRONG OXIDIZERS AND ACIDS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: IRRITATING, ACRID FUMES
HAZARDOUS POLYMERIZATION: YES

SECTION 6 - HEALTH HAZARD DATA

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ROUTES OF ENTRY:

INHALATION: POSSIBLE **INGESTION:** POSSIBLE

SKIN: POSSIBLE **HEALTH HAZARDS:** SAME SIGNS & SYMPTOMS OF EXPOSURE

OSHA CARCINOGENICITY: THE IARC HAS CLASSIFIED STYRENE AS POSSIBLY CARCINOGENIC TO HUMANS (CLASS 2B).

SIGNS & SYMPTOMS OF OVER EXPOSURE:

EYES: IRRITATION, BURNING SENSATION

SKIN: IRRITATION, DRYING OF SKIN, DERMATITIS

INGESTION: NAUSEA, PAIN

INHALATION: NAUSEA, DIZZINESS

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SAME AS SIGNS AND SYMPTOMS OF OVER EXPOSURE.

EMERGENCY FIRST AID PROCEDURES:

EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CALL PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER, ESPECIALLY BETWEEN NAILS. IF IRRITATION PERSISTS CALL PHYSICIAN.

INGESTION: DRINK LARGE AMOUNTS OF WATER. CALL PHYSICIAN.

INHALATION: GET PERSON TO FRESH AIR. IF UNCONSCIOUS, CALL PHYSICIAN.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SOAK UP WITH INERT ABSORBENT MATERIAL AND PLACE IN A PROPER WASTE DISPOSAL CONTAINER.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY PLACE OUT OF DIRECT SUNLIGHT.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. FOLLOW DIRECTIONS ON THE CONTAINER FOR PROPER USE OF THIS PRODUCT.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: OPEN ALL DOORS AND WINDOWS. EXPOSURES ABOVE THE TLV OR PEL REQUIRE A NIOSH APPROVED RESPIRATOR EQUIPPED FOR THE EXPOSURE OR SUITABLE RESPIRATORY PROTECTION PER 29 CFR 1910.134.

VENTILATION: LOCAL EXHAUST: IF AVAILABLE
MECHANICAL: IF AVAILABLE

SPECIAL: NONE
OTHER: NONE

PROTECTIVE GLOVES: RUBBER, PLASTICS

EYE PROTECTION: GLASSES, GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: CHEMICAL RESISTANT CLOTHING

WORK HYGENIC PRACTICES: USE COMMON SENSE AND CARE AROUND CHEMICALS. NEVER MIX CHEMICALS. CONSULT YOUR SUPERVISOR FOR OTHER PRACTICES. ALL PRACTICES DEPEND ON YOUR SPECIFIC BUSINESS. DIRECTIONS FOR USE ARE NORMALLY FOUND ON LABEL WHICH WILL DICTATE ENGINEERING AND CONTROL MEASURES.

OTHER SPECIAL REQUIREMENTS: NONE